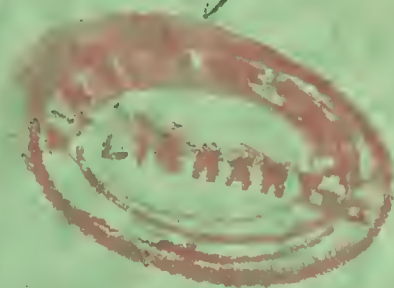


LONGBENTON  
URBAN DISTRICT COUNCIL.

*County of Northumberland.*



Annual Reports

FOR THE YEAR

1938

OF

WILLIAM CUNNINGHAM.

M.B., Ch.B., D.P.H.,

*Medical Officer of Health,*

AND

WILLIAM N. LOCKEY,

M.R.San.I., Certified Meat Inspector,

*Chief Sanitary Inspector.*



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*Chief Sanitary Inspector.*

# STAFF OF THE HEALTH DEPARTMENT.

OFFICE.	OFFICER.	QUALIFICATIONS.
Medical Officer of Health .....	WILLIAM CUNNINGHAM. (Succeeded THEODORE CRAIG, M.B., Ch.B., F.R.S.M.E., on 1st August, 1938).	M.B., Ch.B., D.P.H.
Deputy Medical Officer of Health .....	THEODORE CRAIG .....	M.B., Ch.B., F.R.S.M.E.
Chief Sanitary Inspector .....	WILLIAM N. LOCKEY ....	M.R.San.I., M.S.I.A., Sanitary In- spectors' Certificate, S.I.B., Meat and Food Inspector's Certificate, R.S.I., Sanitary Science R.S.I.
Additional Sanitary Inspector .....	DOUGLAS LISTER .....	M.S.I.A., Certificate S.I.B.
Clerk .....	EDWARD MARCH.	

Longbenton Urban District Council.

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# Annual Report

OF THE

MEDICAL OFFICER OF HEALTH,  
WILLIAM CUNNINGHAM,

FOR THE YEAR ENDING 31ST DECEMBER, 1938.

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FOREST HALL,

May, 1939.

*To the Chairman and Members of the*  
LONGBENTON URBAN DISTRICT COUNCIL.

MR. CHAIRMAN, LADY AND GENTLEMEN,

I beg to submit my Report for the year 1938 from data supplied to me by Dr. Theodore Craig, whom I succeeded on August 1st, 1938, on my appointment as Medical Officer of Health for the combined Urban Districts of Long Benton, Seaton Valley and Whitley and Monkseaton, and data collected by me subsequent to that date. The report has been prepared in accordance with Circular 1728 issued by the Ministry of Health, dated 25th October, 1938, and follows the various sections laid down.

INFECTIOUS DISEASES.—While there has been a decrease in the number of cases of Scarlet Fever notified, 76 in 1938, as against 130 cases in 1937, there has been an increase in the number of cases of Diphtheria notified: 112 cases in 1938, as against 81 cases in 1937. It is impossible to give a reason for this increase in the case incidence of Diphtheria which has been the common experience all over the north. Local practitioners have been quick to co-operate in the detection of carriers and their prompt isolation.

BIRTH RATES AND DEATH RATES show no appreciable difference, while the increase in the population calculated at mid-year 1938 shows an increase of 90. The increase in the number of occupied houses was 40.

MILK.—Two cows in herds within the district were slaughtered as a result of reports from the County Bacteriologist, stating the presence of bacillus tuberculosis in samples of milk taken by your staff. In 1937 nine cows were slaughtered for the same reason. This shows a welcome improvement.

The work of the Department is increasing, especially on account of A.R.P. demands.

I have to thank Dr. T. Craig for his great help and courtesy on taking over from him on August 1st, 1938. I am indebted to Mr. Loekey, Chief Sanitary Inspector, for his valuable help and co-operation, and to the rest of the staff for their ready willingness to perform their duties.

I have the honour to be

Your obedient servant,

W. CUNNINGHAM.

## SECTION A.

## STATISTICS OF SOCIAL CONDITIONS OF THE AREA.

Area (in acres).....	6,843
Registrar General's estimate of Resident Population, mid-1938 .....	21,510
Number of Inhabited Houses (end of 1938) according to Rate Book.....	6,337
Rateable Value .....	£103,704
Sum represented by a Penny Rate .....	£110

## SOCIAL CONDITIONS.

The chief industry is coal mining, with the exception of the residential area of Benton and Forest Hall.

## UNEMPLOYMENT.

It has been impossible to obtain completely accurate figures of unemployment, as neighbouring Urban District areas are merged for Labour Exchange records. There was a sharp rise towards the end of the year in unemployment figures in the building trades, etc., due to bad weather.

As far as can be ascertained, the numbers of unemployed on 31st December, 1938, were :—

	Men.	Women.	Young Men.	Young Women.	Insured Persons, Mid-year 1938.
Westmoor .....	345	25	25	31	2,235
Dudley .....	179	9	6	15	1,600
Seaton Burn.....	128	6	8	19	1,700
West Allotment .....	32	8	6	2	600
	684	48	45	70	5,135

## EXTRACTS FORM VITAL STATISTICS OF THE YEAR.

	Male.	Female.	Total.
Live Births—Legitimate .....	196	160	356
Illegitimate .....	5	9	14
Total Live Births .....	240	169	370
Still Births—Legitimate .....	13	8	21
Illegitimate.....	2	—	2
Total Still Births .....	15	8	23
Birth Rate per 1,000 Population .....			17·20
Still Births per 1,000 Live and Still Births .....			58·50

	Male.	Female.	Total.
Deaths .....	139	131	270

## DEATH RATE.

The Death Rate per 1,000 of the estimated population 12·55

## CORRECTED DEATH RATE.

The corrected Death Rate (comparability faetor 1·07) 13·42

## DEATHS FROM PUERPERAL CAUSES.

	Deaths.	Rate per 1,000 total (Live and Still Births.
Puerperal Sepsis .....	1	2·54
Other Puerperal Causes .....	1	2·54
Total .....	2	5·08

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.	Male.	Female.
Total .....	14	12
Legitimate .....	14	10
Illegitimate .....	—	2

## DEATH RATE PER 1,000 LIVE BIRTHS OF INFANTS UNDER ONE YEAR OF AGE.

All Infants per 1,000 Live Births .....	70·27
Legitimate Infants per 1,000 Legitimate Births .....	67·4
Illegitimate Infants per 1,000 Illegitimate Live Births...	142·85
Deaths from Cancer (all ages) .....	45
„ Measles (all ages) .....	—
„ Whooping Cough (all ages) .....	2
„ Diarrhœa (under 2 years of age) .....	—



BIRTH RATE, DEATH RATE AND ANALYSIS OF MORTALITY DURING THE YEAR 1938.  
(The Mortality Rates for England and Wales refer to the whole population.)

	Rate per 1,000 Population.		ANNUAL DEATH RATE PER 1,000 POPULATION.										Rate per 1,000 Live Births.	
	Live Births.	Still Births.	All Causes.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Enteric Fever.	Smallpox.	Diarrhoea and Enteritis under 2 Years.	Diarrhoea and Enteritis under 1 Year.		
ENGLAND AND WALES.....	15.1	0.60	11.6	0.04	0.01	0.03	0.07	0.11	0.00	0.00	5.5	53		
LONGBENTON (1937) .....	17.65	0.84	13.94	0.233	0.093	0.093	0.187	0.42	0.00	0.00	13.2	87.30		
"    (1938) .....	17.20	1.06	13.42	0.00	0.00	0.093	0.32	0.093	0.00	0.00	0.00	70.27		

## CAUSES OF DEATH IN LONGBENTON AREA, 1938.

Causes of Death.	Male.	Female.
All Causes .....	139	131
1—Typhoid and Paratyphoid .....	—	—
2—Measles .....	—	—
3—Scarlet Fever .....	—	—
4—Whooping Cough .....	—	2
5—Diphtheria .....	3	4
6—Influenza .....	1	1
7—Encephalitis Lethargica .....	—	—
8—Cerebro-Spinal Fever .....	1	—
9—Tuberculosis of Respiratory System .....	2	4
10—Other Tuberculosis .....	—	—
11—Syphilis .....	—	—
12—General Paralysis of the Insane, Tabes Dorsalis, etc. ....	2	—
13—Cancer .....	25	20
14—Diabetes .....	2	3
15—Cerebral Hæmorrhage, etc. ....	8	11
16—Heart Disease .....	23	29
17—Aneurysm .....	—	—
18—Other Circulatory Diseases .....	9	10
19—Bronchitis .....	2	3
20—Pneumonia (all forms) .....	8	4
21—Other Respiratory Diseases .....	1	2
22—Peptic Ulcer .....	3	—
23—Diarrhœa (under 2 years) .....	2	—
24—Appendicitis .....	—	—
25—Cirrhosis of Liver .....	—	—
26—Other Diseases of the Liver .....	1	—
27—Other Digestive Diseases .....	5	2
28—Acute and Chronic Nephritis .....	5	6
29—Puerperal Sepsis .....	—	1
30—Other Puerperal Causes .....	—	1
31—Congenital Debility, Premature Birth, Mal- formations, etc. ....	9	8
32—Senility .....	3	2
33—Suicide .....	2	—
34—Other Violence .....	8	4
35—Other Defined Diseases .....	13	12
36—Ill-defined Diseases or not known .....	3	2
Special causes (included in No. 35)—		
Smallpox .....	—	—
Poliomyelitis .....	—	—
Polioencephalitis .....	—	—

There is no evidence of any unusual or excessive mortality during the year.

I have no evidence, statistical or otherwise, that conditions of occupation, environment, or unemployment have exercised any significant influence on the health or physique of children or adults.

### Section B.

1. (i.) Public Health Officials : see page 3.
- (ii.) (a) Laboratory facilities remain the same as in former years.
- (b) *Ambulance Services*.—The Council provide and maintain one motor ambulance for the free conveyance of residents to hospitals, etc. The two Colliery Companies each maintain one motor ambulance for the use of their workmen. No arrangements exist for the co-ordination of Ambulance services with neighbouring authorities.
- (c) Nursing in the home is controlled by the Northumberland County Council.
- (d) *Sun Ray Clinic*.—The only treatment centre maintained by this Authority is the Sun Ray Clinic, which has sessions on Monday and Friday in each week. The average attendance at each session in 1938 was 15. The diseases treated were varied, *e.g.*, diseases of joints, respiratory diseases, diseases of glands, cases of debility following infectious diseases, etc. It is satisfactory to note that benefit was derived from the treatment in all cases.
- (e) There are no hospitals in the area with the exception of the Infectious Diseases Hospital, Scaffold Hill, administered by the Earsdon Joint Hospital Board, of which Board this Council is a Constituent member.

*Maternity and Child Welfare Service*.—Longbenton Urban District Council ceased to be a Maternity and Child Welfare Authority on 1st April, 1938, this service having been transferred to the Northumberland County Council.

## Section C.

## Sanitary Circumstances of the District.

## (1) WATER SUPPLY.

(i.) No alteration has been made in the source of water supply, and it has been satisfactory in quality and quantity. Samples taken for bacteriological examination on two occasions gave satisfactory results. Two wells supplying two houses were closed during the year by informal action.

(ii.) *Drainage and Sewage*.—Conditions remain the same.

(2) *Rivers and Streams*.—No official action has been necessary.

(3) (i.) *Closet Accommodation*.—There are still 330 houses with earth closets in the area. Of these, 282 are included in confirmed clearance areas, and 8 are in areas scheduled for clearance. Conversion to the water carriage system was effected in 6 separate closets, and 3 are in process of conversion. The remaining 37 are mostly in connection with farms, etc., isolated from, or below the level of our sewers. The rest of the houses in the district, approximately 6,513, have water closets, practically all of the wash-down type.

(ii.) *Public Cleansing*.—See Chief Sanitary Inspector's Report.

(iii.) *Sanitary Inspection of the Area*.—See Chief Sanitary Inspector's Report.

(iv.) *Shops and Offices*.—See Chief Sanitary Inspector's Report.

(v.) *Camping Sites*.—No applications have been made for camping sites during 1938, and no camping sites exist in the area.

(vi.) *Smoke Abatement*.—No official action has been necessary.

(vii.) *Swimming Baths and Pools*.—There are no Swimming Baths or Pools in the area.

(viii.) *Eradication of the Bed Bug*.—See Chief Sanitary Inspector's Report.

## (4) SCHOOLS.

The schools in the area are each provided with a sufficient and suitable water supply from the mains supply. No definite epidemic of infectious disease was traced to any one particular school, but many throat swabs were taken of contacts of Diphtheria at various schools.

### Section D.

**Housing.**—See Chief Sanitary Inspector's Report.

### Section E.

#### Inspection and Supervision of Food.

- (a) *Milk Supply.*—See Chief Sanitary Inspector's Report.
- (b) *Meat and Other Foods.*—See Chief Sanitary Inspector's Report.
- (c) *Adulteration.*—See Chief Sanitary Inspector's Report.
- (d) *Chemical and Bacteriological Examination of Food.*—Milk is the only food of which samples are taken for bacteriological examination by this Authority. These samples are examined in the County Laboratory, Newburn.
- (e) *Nutrition.*—No special educative effort was made in the nature of lectures, film, etc.
- (f) *Shellfish.*—(Molluscan)—There are no shellfish beds or layings in this area. Shellfish is rarely sold in the area.

### Section F.

#### Prevalence of, and Control over, Infections and Other Diseases.

The following table gives the numbers and the age groups of the cases of Infectious Diseases notified during the year :—

[SEE OVER PAGE.]

CASES OF INFECTIOUS DISEASES NOTIFIED DURING THE YEAR 1938.

NUMBER OF CASES NOTIFIED.															
DISEASE.	AGE GROUP.														
	At all Ages.	Under 1 Year.	AGE GROUP.											Hospital.	Deaths.
			1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over		
Smallpox .....	—	..	—	1	2	3	4	5	10	15	20	35	45	65	—
Scarlet Fever .....	76	—	—	1	1	5	10	32	13	5	6	2	1	..	64
Diphtheria .....	112	..	..	1	4	4	7	44	36	5	6	4	1	..	112
Enteric Fever (including Paratyphoid) .....	2	..	..	..	..	..	..	..	..	1	..	1	..	..	2
Puerperal Pyrexia .....	3	..	..	..	..	..	..	..	..	..	2	1	..	..	1
Pneumonia .....	17	..	..	2	1	..	..	3	1	2	2	1	5	..	1
Erysipelas .....	7	..	..	..	1	..	..	..	1	..	1	1	1	2	4
Cerebro Spinal Fever .....	2	..	..	..	..	..	1	..	..	..	1	..	..	..	2
Dysentery .....	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..

## Section F.

2. **DIPHTHERIA.** The greater proportion of cases occurred in the first half of the year. The type of diphtheria was fairly mild until November and December, when some toxic cases occurred. It must be stated that the use of diphtheria antitoxin in many cases is delayed until admission to hospital. Free antitoxin is supplied by the Council, and is available at all times. Local practitioners have co-operated in swabbing the throats of all contacts and ten carrier cases were discovered and sent to hospital for isolation.

**IMMUNISATION AGAINST DIPHTHERIA.**—The people have not taken advantage of the original scheme formed some years ago, but a new scheme is being prepared, and I hope for a good response.

**SCARLET FEVER.**—Cases were of average incidence, and were spread evenly over this scattered district. Twelve cases were treated at home, where isolation conditions were satisfactory.

**PNEUMONIA.**—Seventeen cases were notified and twelve died.

**PUERPERAL PYREXIA.**—Three cases occurred. One of the cases was removed to Hospital for treatment, the others being treated at home.

**MEASLES AND WHOOPING COUGH.**—These diseases are not notifiable in the district.

4.—(a)—**PREVENTION OF BLINDNESS.**—There were no cases of Ophthalmia neonatorum.

(b)—**TUBERCULOSIS.**—No action was necessary under the Public Health (Tuberculosis Regulations), 1925, with regard to persons employed in the milk trade, nor in the compulsory removal to hospital of persons suffering from Tuberculosis.

**BACTERIOLOGICAL EXAMINATIONS.**—The following statement shows the number of specimens submitted to the County Bacteriologist for examination during the year :—

	Negative.	Positive.
Tuberculosis .....	23	8
Diphtheria .....	452	44
Dysentery .....	—	2
Enteric Fever .....	7	—

Section F.  
Tuberculosis, 1938.

Age. Periods.	CASES NOTIFIED.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
YEARS.								
Under 1 .....	..	..	..	..	..	..	..	..
1 to 5 .....	..	..	1	..	..	..	..	..
5 to 15 .....	1	2	3	1	..	..	..	..
15 to 25 .....	1	..	1	..	..	..	..	..
25 to 35 .....	2	1	..	1	..	2	..	..
35 to 45 .....	..	1	..	..	2	1	..	..
45 to 55 .....	2	1	..	..	..	1	..	..
55 to 65 .....	1	..	..	1	..	..	..	..
65 and upwards ...	2	1	..	..	..	..	..	..
TOTALS .....	9	6	5	3	2	4	..	..

Of the six deaths five were notified cases. The death certificate was the only notification in the other case.

The notification of cases of Tuberculosis in the area is apparently satisfactory, and no action has been necessary in any case of neglect or refusal to notify.

PARTICULARS OF TUBERCULOSIS REGISTER  
at 31st December, 1938.

	Pulmonary.			Non-Pulmonary.			Total Pulmonary and Non- Pulmonary.
	M.	F.	Total.	M	F.	Total.	
Cases on Registers January 1st, 1938	51	67	118	21	13	34	152
New Cases added during the Year	9	6	15	5	3	8	23
Old Cases removed during Year ....	6	14	20	2	1	3	23
Number on Register December 31st, 1938 .....	54	59	113	24	15	39	152



Annual Report of the Medical Officer of Health for the Year 1938  
for the Urban District of Longbenton, on the Administration  
of the Factory and Workshop Act, 1901, in connection with

**FACTORIES, WORKSHOPS AND WORKPLACES.**

**1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES,  
INCLUDING INSPECTIONS MADE BY THE SANITARY INSPECTORS.**

Premises.	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories with Mechanical Power .....	12	..	..
Factories without Mechanical Power .....	10	..	..
	22	..	..

**2.—DEFECTS FOUND.**

Particulars.	Number of Defects.		
	Found.	Remedied.	Referred to H.M. Inspector.
Want of Cleanliness .....	..	..	..
Overcrowding .....	..	..	..
Unreasonable Temperature ....	..	..	..
Inadequate Ventilation .....	..	..	..
Ineffective Drainage of Floors ..	..	..	..
Sanitary Conveniences—			
Insufficient .....	..	..	..
Unsuitable or Defective .....	5	5	..
Not Separate for Sexes .....	1	1	..
Other Offences .....	..	..	..
Total.....	6	6	..



Longbenton Urban District Council.

# Annual Report

OF THE

SANITARY INSPECTOR,

WILLIAM N. LOCKEY.

FOR THE YEAR ENDING 31ST DECEMBER, 1938.

TO THE CHAIRMAN AND MEMBERS OF THE LONGBENTON URBAN  
DISTRICT COUNCIL.

In accordance with Circular 1728 from the Ministry of Health, I beg to submit my Annual Report for the year ended 31st December, 1938.

In March I was asked to take over the position of Chief Officer of the local Air Raid Precautions organisation. At the commencement I was able to do most of the work out of office hours, but nearing, during, and following the crisis of September, it became a colossal task. It was only by the great efforts expended by the Department that we were able to attend to essential routine sanitary inspection. During December my Council appointed a Control Officer for the organisation, which relieved me of a considerable amount of Air Raid Precautions work.

HOUSING.—Two Public Inquiries were held during the year, dealing with 389 houses in 19 areas. Seven Individual Unfit Houses were reported on. Demolition Orders were made in respect of six, and a Closing Order made in respect of the remaining one.

SCAVENGING.—The collection and disposal of refuse is carried out by direct labour under the supervision of the Surveyor. A motor freighter was obtained during the year to replace part of the horse transport.

TABLE I.

	Number of Inspections during year.	Number of Defects or Contraventions	Number outstanding from previous year.	TOTAL.	Number reopened after letter or interview.	Number of INFORMAL Notices served.	Defects reopened thereafter.	Number of STATUTORY Notices served.	Defects reopened thereafter.	In progress of being dealt with.	Legal proceedings.
	1	2	3	4	5	6	7	8	9	10	11
HOUSING—											
Structural Defects (Summary of Sheet II.)....		961	514	1475	504	77	411	3	65	495	..
Defective Food-Store .....	1911	47	2	49	24	..	13	..	1	11	..
Dampness .....		58	36	94	36	..	26	..	..	32	..
Overcrowding .....	204	9	..	9	4	..	..	..	..	5	..
Nuisances .....	214	104	1	105	77	20	24	..	..	4	..
WATER SUPPLY—											
Insufficient .....		1	5	6	6	..	..	..	..	..	..
Unsatisfactory .....	85	67	2	69	53	..	3	..	..	..	..
DRAINAGE—											
Insufficient .....		46	2	48	42	..	4	..	..	2	..
Defective .....	117	67	3	70	60	..	3	3	3	4	..
SANITARY CONVENIENCES—											
Insufficient .....		3	7	10	10	..	..	..	..	..	..
Defective .....	76	81	20	101	67	4	18	1	1	15	..
Shops, Food-stores, etc. ....	214	18	4	22	17	..	..	..	..	5	..
Dairies, Cowsheds and Milkshops .....	99	17	..	17	17	..	..	..	..	..	..
Slaughter Houses .....	672	2	..	2	2	..	..	..	..	..	..
Tents, Vans, etc. ....	2	..	..	..	..	..	..	..	..	..	..
Offensive Trade .....	..	..	..	..	..	..	..	..	..	..	..
Workshops and Workplaces .....	27	9	1	10	9	..	..	..	..	1	..
Keeping of Animals .....	21	5	..	5	3	..	..	..	..	2	..
Insanitary Ashpits and Receptacles .....	185	116	26	142	90	10	12	3	3	37	..
Ashpits Improperly Used .....	..	..	..	..	..	..	..	..	..	..	..
Offensive Accumulations .....	21	9	3	12	11	..	..	1	1	..	..
Smoke Nuisances .....	2	1	..	1	1	..	..	..	..	..	..
Petrol Stores .....	10	..	..	..	..	..	..	..	..	..	..
TOTAL .....	3950	1621	626	2247	1033	101	514	11	74	626	..

TABLE II.

**Housing (Consolidated) Regulations, 1925.****HOUSES ERECTED DURING THE YEAR :—**

	With State Assistance.	Unaided.	Total.
(a) By Local Authority .....	83	—	83
(b) By other Bodies or Persons.....	—	75	75
	83	75	158

**1.—INSPECTION OF DWELLING HOUSES DURING THE YEAR :—**

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) .....	505
(b) Number of inspections made for the purpose ...	2,631
(2) (a) Number of dwelling houses (included under sub-head (1) (above), which were inspected and recorded under the Housing Consolidated Regulations, 1925 .....	74
(b) Number of inspections made for the purpose...	116
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.....	32
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.....	310

**2.—REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES :—**

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its officers .....	266
---	-----

**3.—ACTION UNDER STATUTORY POWERS :—****(A) PROCEEDINGS UNDER SECTION 9, 10 and 16 OF THE HOUSING ACT, 1936.**

(1) Number of dwelling houses in respect of which " notices " were served requiring repairs .....	3
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By owners .....	3
(b) By Local Authority in default of owners .....	—

## (B) PROCEEDINGS UNDER PUBLIC HEALTH ACTS.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied .....	4
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By owners .....	4
(b) By Local Authority in default of owners .....	—
	4

## (C) PROCEEDINGS UNDER SECTIONS 11 AND 13 OF HOUSING ACT, 1936.

(1) Number of dwelling houses in respect of which Demolition Orders were made.....	6
(2) Number of dwelling houses demolished in pursuance of Demolition Orders .....	2

## (D) PROCEEDINGS UNDER SECTION 12 OF THE HOUSING ACT, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .....	1
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .....	Nil.

4.—NUMBER OF HOUSES PERMANENTLY DISCONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE .....	86
--	----

TABLE III.  
SUMMARY OF WORK EFFECTED.

Summary of Work effected.	After Letter or Interview.	After Informal Notice.	After Statutory Notice.	TOTAL.
<b>SANITARY CONVENIENCES—</b>				
Privies abolished .....	3	..	..	3
Privies repaired .....	..	..	..	..
Privy Ashpits abolished .....	4	..	..	4
Privy Ashpits roofed or re- paired .....	..	..	..	..
Pail-closets abolished .....	3	..	..	3
Water-closets provided .....	15	..	..	15
Water-closets repaired .....	27	14	1	42
Sanitary Bins provided .....	6	2	..	8
Sanitary Bins renewed .....	45	8	3	56
<b>DRAINAGE—</b>				
New Drains constructed ....	43	3	..	46
Drains repaired or re-con- structed .....	24	1	..	25
Additional Gullies provided .....	35	2	..	37
Old Gullies replaced .....	15	..	..	15
Scullery Sinks provided .....	48	2	..	50
Scullery Waste-pipes repaired .....	3	6	1	10
Scullery Waste-pipes trapped .....	1	..	..	1
Yards repaired or reconstructed .....	17	6	..	23
<b>WATER SUPPLY—</b>				
New Service provided .....	22	..	..	22
No. of houses affected .....	..	..	..	44

**Eradication of the Bed Bug.**—During the year one Council house, and four privately-owned houses, all empty, were found to be badly infested with the Bed Bug. In all cases we were able to deal with the matter by informal action. The method of treatment adopted was that of stripping the back moulds, skirtings, wallpapers, etc., from the walls and spraying liberally with an insecticide. In one case only has there been a slight recurrence. Re-housing has taken place during the year from six Clearance Areas, and twelve Individual Unfit Houses, with a total of 83 houses. None of the old houses had a heavy infestation of bed bugs, but as a precautionary measure all the furniture, etc., was sprayed with an insecticide (Zaldecide), before being moved into the new houses, the degree of treatment being *pro-rata* with the infestation. Inspection is made of the furniture of all other prospective Council house tenants, and any necessary action taken.

**Infectious Diseases.**—In connection with Infectious Diseases, 220 visits of investigation were made, and wherever possible the room or rooms were sealed up and fumigated. In instances where it was impracticable to seal the room, the premises were sprayed with a dilute solution of formaldehyde.

VENTILATION OF CINEMAS.—All the Cinemas in the area have been visited and inspected, one special visit being made to each to test the ventilation with the Kata thermometer. All were found to be satisfactory.

### Meat.

MEAT INSPECTION.—The following summary shows the work done under the Public Health (Meat) Regulations, 1924.

Number of visits paid to Slaughter-houses .....	672
Butchers' Shops .....	214
	<hr/> 886

### CARCASES INSPECTED AND CONDEMNED.

	Cattle, exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed .....	637	9	18	..	562
Number inspected .....	637	9	18	1846	562
ALL DISEASES, excepting Tubercu- losis. Whole carcasses con- demned .....	..	..	1	3	1
Carcases of which some part of the Organs were condemned .....	42	..	..	1	5
Percentage of the number inspected affected with Diseases other than Tuberculosis .....	6.6	..	5.5	0.2	1.1
TUBERCULOSIS ONLY—					
Whole Carcasses condemned.....	3	..	1	..	3
Carcases of which some part of the organs were condemned..	56	3	..	..	11
Percentage of the number in- spected affected with Tuber- culosis .....	9.3	33.3	5.5	..	2.5

As a result of these inspections and examinations 119 separate diseased and unsound conditions were found, and the carcasses or organs dealt with. Details of the conditions are given below :—

BOVINE CARCASSES :—				Weight in lbs.
55	separate	seizures	affected with Tuberculosis .....	3,771
13	..	..	Cirrhosis .....	106
16	..	..	Liver Fluke .....	81
10	..	..	Abscesses .....	153
1	..	..	Pneumonia .....	168
2	..	..	Parasites .....	18
1	..	..	Pericarditis.....	4
				<hr/> 4,301



## SHEEP CARCASSES.

Weight in lbs.

1	separate seizure affected with	Parasites	2
1	" " "	Bruising	50
2	moribund carcasses		70
			122

## PIG CARCASSES.

14	separate seizures affected with	Tuberculosis	413
3	" " "	Cirrhosis	9
1	" " "	Bruising	21
1	" " "	Pluerisy	2
1	" " "	Uremia	119
			597

Total weight of Meat dealt with in lbs. .... 5,017

In addition, two portions of chilled beef, totalling 42 lbs. were condemned for decomposition during the warm weather.

The Butchers in the area are to be commended on the good quality of animals slaughtered, as can be seen from the small amount of meat condemned.

SLAUGHTER-HOUSES.—There are nine slaughter-houses in the area, all in good structural condition. Six have been in regular use during the year.

SLAUGHTER OF ANIMALS ACT.—The section of the Act which requires the stunning of sheep is adopted in the area. No difficulty has been found in the operation of the section.

TABLE IV.  
FOOD INSPECTION.

Unsound Food.	Sur-rendered.	Seized.	Legal Proceed-ings.
1.—Beef (Home-killed) .....Stones	307	..	..
2.—Beef (Imported).....	3	..	..
3.—Mutton (Home-killed).....	9	..	..
4.—Mutton (Imported).....	..	..	..
5.—Pork .....	42	..	..
6.—Game .....	..	..	..
7.—Poultry .....	..	..	..
8.—Fish .....	..	..	..
9.—Fruit .....	280	..	..
10.—Canned Goods .....	..	..	..
11.—Bacon .....	..	..	..
12.—Cheese .....	..	..	..
13.—Butter .....	56	..	..
14.—Lard .....	..	..	..
15.—Other Foods—			
Tea .....	560	..	..
Cerials .....	224	..	..
Sugar .....	28	..	..
Lemon Peel .....	98	..	..

After a fire which occurred during the year, involving Groceries premises, the stock remaining was carefully inspected, and all articles found unsound by reason of damage by fire or water were condemned and destroyed by incineration, under the supervision of the Department.

### Milk Supply.

1.—MILK AND DAIRIES ORDER, 1926.—The following is a summary of the particulars in the Milk and Dairies Register at 31st December, 1938 :—

Number of persons registered as Cow-keepers .....	19
Number of premises registered as Cow-sheds.....	25
Number of Cows kept on registered premises (approximately) .....	460
Number of Cow-keepers retailing Milk .....	18
Number of persons registered as Dairymen in the area..	19
Number of Dairymen outside the area retailing in the area	20
Number of Premises registered as Dairies .....	20
Number of persons registered as retail purveyors.....	60

2.—MILK SPECIAL DESIGNATION ORDER, 1936.—The following are particulars of Licences granted under the above Order :—

Premises Licensed for Storage and Sale of T.T. Milk.....	1
Premises Licensed for Storage and Sale of Pasteurised Milk..	6
Supplementary Licences to retail T.T. Milk .....	3
Supplementary Licences to retail Pasteurised Milk.....	1
Supplementary Licences to retail Accredited Milk.....	1
Accredited Producers .....	4

The Cowsheds in the area can be considered to be in a good structural condition. As a result of representation from this Department, many alterations have been carried out during the year.

BACTERIOLOGICAL EXAMINATION OF MILK.—Samples of Milk from each supply were submitted to the County Laboratory for Bacteriological examination and Biological test.

	PRODUCED.		Total.
	In the Area.	Outside the Area.	
Total number of Samples collected.....	40	40	80
Number examined for Total Bacterial Count .....	..	10	10
Number examined by Meth. Blue Test..	40	30	70
Number examined for Bacillus Coli.....	40	30	70
Number examined for Tubercle Bacilli ..	40	24	64

## MILK PRODUCED IN THE LONGBENTON AREA.

Examination.	Satisfactory.	Unsatisfactory.	Total.	%
Methylene Blue Test .....	26	14	40	65
B. Coli.....	26	14	40	65
All respects (1938) .....	22	18	40	55
All respects (1937) .....	16	18	34	47

## MILK PRODUCED OUTSIDE THE LONGBENTON AREA.

Examination.	Satisfactory.	Unsatisfactory.	Total.	%
Methylene Blue Test .....	8	19	27	29.9
B. Coli.....	15	12	27	55.6
All respects (1938) .....	7	20	27	25.9
All respects (1937) .....	8	12	20	40

## GRADED MILK.

Examination.	Satisfactory.	Unsatisfactory.	Total.	%
Pasteurised—Total Bacterial Count .....	6	4	10	60
Tuberculin Tested—				
Methylene Blue Test .....	1	2	3	33.3
B. Coli.....	1	2	3	33.3
Accredited—				
Methylene Blue Test .....	..	..	..	..
B. Coli.....	..	..	..	..
All respects (1938) .....	7	6	13	53.8
All respects (1937) .....	5	2	7	71.4

## TOTAL NUMBER OF SAMPLES TAKEN.

Examination.	Satisfactory.	Unsatisfactory.	Total.	%
Total Bacterial Count .....	6	4	10	60
Methylene Blue Test .....	35	35	70	50
B. Coli.....	42	28	70	60
All respects (1938) .....	36	44	80	45
All respects (1937) .....	29	32	61	47.5

## TUBERCLE BACILLI (excluding Graded Milk).

## SAMPLES TAKEN.

	Produced in Longbenton Area.				Produced outside Longbenton Area				Total.			
	T.B. not found.	T.B. Present.	Total.	% with T.B. Present.	T.B. not found.	T.B. Present.	Total.	% with T.B. Present.	T.B. not found.	T.B. Present.	Total.	% with T.B. Present.
1938.....	38	2	40	5	20	..	20	..	58	2	60	3.3
1937.....	31	5	36	14	16	4	20	20	49	9	56	16.1

Two samples of Pasteurised and two of Tuberculin-Tested Milk were submitted for Biological Test, and of these, one, a Tuberculin-tested sample, was returned "Positive."

**Shops Act, 1912 to 1934.**—During the year 23 visits were made to shops, checking temperature, etc. Four informal Notices were served, and all complied with.

**Factories and Workshops.**—The following is a list of Factories in the area :—

Mineral Waters .....	2
Garages .....	8
Joiners .....	1
Engineers .....	2
Boot Repairers .....	6
Blacksmiths .....	4
Electricity Generating Stations .....	3
Sausage Manufacturers .....	2
Concrete Slab Factory .....	1
	<u>29</u>

The following is a list of the Workshops in the area :—

Boot Repairers .....	2
Joiners, Builders, Painters .....	16
Blacksmiths .....	3
Plumbers .....	6
Garages .....	8
Bakelhouses .....	5
Cycle Repairers .....	2
Market Gardeners .....	7
Battery Charging .....	1
Watchmaker .....	1
Stone Masons .....	2
Golf Club Repairers .....	1
	<u>54</u>

● **Food and Drugs.** Particulars of samples of Food and Drugs taken in the Longbenton Urban District for analysis during the year 1938, appended below, were kindly provided by Mr. S. Strugnell, Chief County Inspector. With regard to the sample of Orange Juice, this was found to contain 75 per cent. of water, and proceedings were instituted. Fine and costs totalling £2 1s. 0d. were imposed. The sample of Grape Fruit Juice was found to contain 80 per cent. of water. Proceedings were instituted with regard to this sample, and a fine and costs totalling £2 1s. 0d. were imposed.

### Food and Drugs Samples.

Sample.	Genuine.	Adulterated.
Milk .....	41	—
Lard .....	1	—
Butter.....	3	—
Margarine.....	2	—
Potted Meat .....	1	—
White Pudding .....	1	—
Beer .....	5	—
Ground Almonds .....	1	—
Corn Flour .....	2	—
Sauce .....	1	—
White Pepper .....	1	—
Beef Suet .....	1	—
Ground Rice .....	2	—
Bacon .....	1	—
Gelatine .....	2	—
White Precipitate Ointment .....	1	—
Cocoa .....	2	—
Cream of Tartar .....	1	—
Semolina .....	1	—
Mustard .....	1	—
Arrowroot .....	1	—
Orange Juice .....	1	1
Apricot Jam .....	1	—
Coffee and Chicory .....	1	—
Mixed Spice .....	1	—
Ground Ginger .....	1	—
Tea .....	1	—
Grape Fruit Juice .....	1	1
Whisky .....	3	—
Gin .....	2	—
	84	2

Yours faithfully,

W. N. LOCKEY,

*Chief Sanitary Inspector.*





